



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H141035

Mode: Highway

Status: Submitted

NC-150

From/Cross Street: NC 68

Specific Improvement Type: 10 - Improve Intersection

To:

Project Category: Regional Impact

Length: 0.5

TIP#:

Fully Funded in Draft STIP? No

Cost to NCDOT: \$698,000

Description:

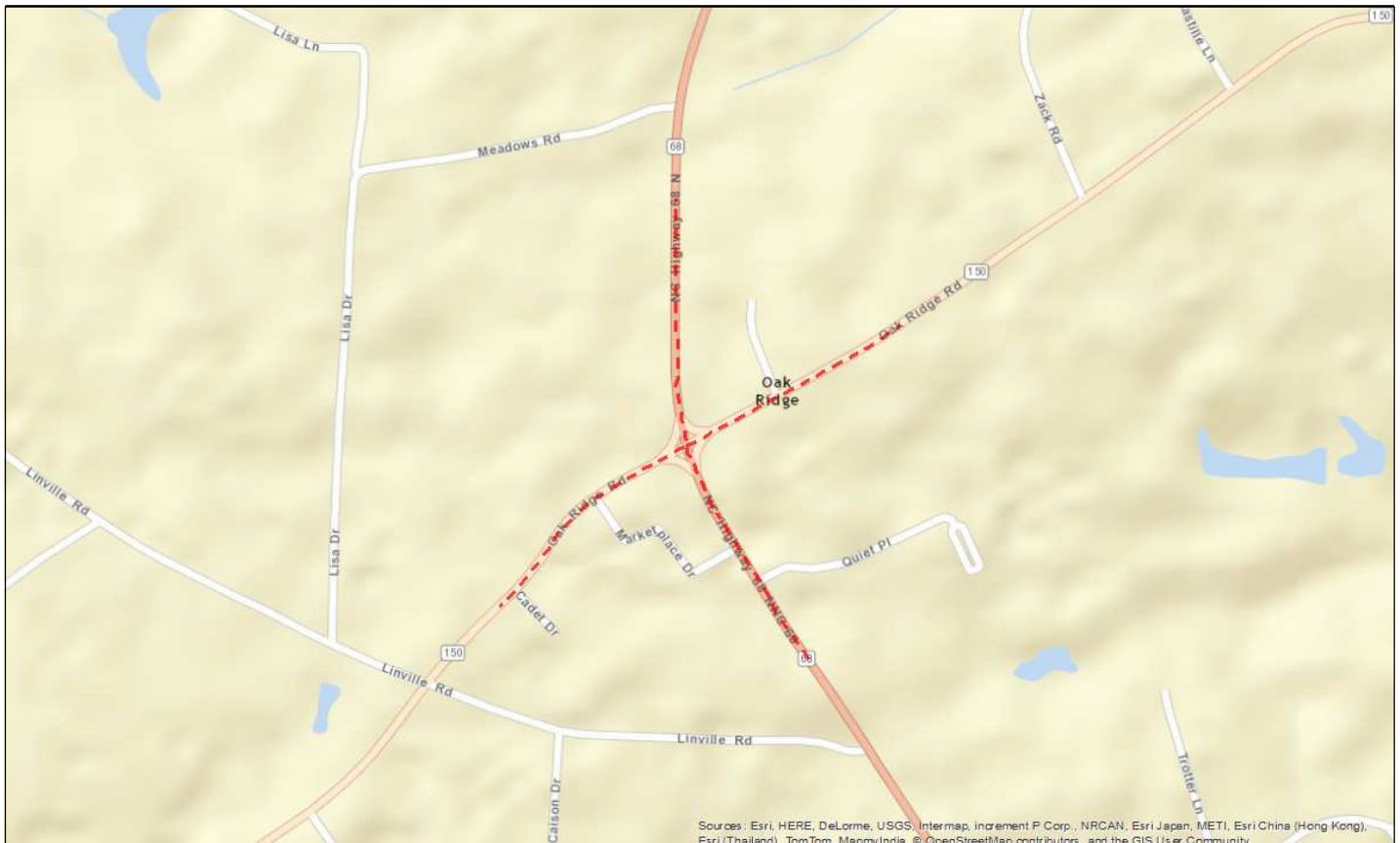
Removal of slip ramps, addition of turning lanes, median, concrete island, and crosswalks. A pdf of the design developed by the Division 7 office is attached along with their estimate.

Division(s): Division 7

County(s): GUILFORD

MPOS(s)/RPO(s): Greensboro Urban Area MPO

Project Location



Statewide Mobility Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Totals: Weight: 0% Weighted Score: 0	N/A	N/A

Regional Impact Total Score: 72.15

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (25%) 56.52	Percent: 15% Points: 100	Percent: 15% Points: 100
Safety (10%) 33.35		
[Travel Time] Benefit/Cost (25%) 89.82		
Accessibility / Connectivity (10%) 22.26		
Totals: Weight: 70% Weighted Score: 42.15		

Division Needs Total Score: 51.35

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) 56.52	Percent: 25% Points: 0	Percent: 25% Points: 75
Safety (10%) 33.35		
[Travel Time] Benefit/Cost (20%) 89.82		
Totals: Weight: 50% Weighted Score: 32.6		

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	42
Length (miles):	0.5
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Major Collector
Terrain Type:	Rolling
Lane Width:	12
Paved Shoulder Width:	0
Roadway has Curb & Gutter?	No
Volume (AADT):	24395.34
Capacity:	31300.16
Volume/Capacity Ratio:	0.78
% Autos:	93%
% Trucks:	7%
Truck Volume:	1775.05
Crash Density:	0
Crash Severity:	0
Critical Crash Rate:	0
Crash Frequency:	66.7
Severity Index:	0
County Tier Designation:	2
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	23
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	94
Actual Congested Speed:	38.24
Travel Time Index:	0.92

Project Benefits

Project Cross-Section:	
Speed Limit:	42
Length (miles):	0.5
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Major Collector
Terrain Type:	Rolling
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	4
Travel Time Savings for 30 Years (Total):	2766000
Travel Time Savings for 30 Years (Autos):	2564740.25
Travel Time Savings for 30 Years (Trucks):	201259.75
Long-Term Employment:	
% Change in Economy:	
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	No
In CTP or LRTP?	No
CTP/LRTP Name:	
CTP/LRTP Completion Year:	
Submitted by:	Greensboro Urban Area MPO

* Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT On!ine tool and associated databases.

Project Ownership**Division**

Division	Percent	Regional Impact	Division Needs
Division 7	100%	100	0
	0%	0	0
	0%	0	0
TOTAL Division Points		100	0

MPO/RPO

MPO/RPO	Percent	Regional Impact	Division Needs
Greensboro Urban Area MPO	100%	100	75
	0%	0	0
	0%	0	0
TOTAL MPO/RPO Points		100	75

Project Cost and Source

Construction Cost:	\$563,000	Cost Estimation Tool
Right-of-Way Cost:	\$135,000	Cost Estimation Tool
Utilities Cost:	\$0	Cost Estimation Tool
Total Project Cost:	\$698,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$698,000	